
MEMORANDUM

TO: SSI NSPS AND EG DOCKET
FROM: AMY LAMSON, RISK AND BENEFITS GROUP
SUBJECT: HEALTH INCIDENCES FOR SSI FINAL RULE
DATE: 2/18/2011

Due to time limitations under the court-ordered schedule, we were unable to fully update the RIAs for the SSI NSPS and EG for the final rule. We provide this memo to the docket as documentation of the estimated health incidences to support the information in the communication materials. These health incidences were calculated using the methodology described in the proposal RIA using the emission reductions estimated for the final rule, which is available at <http://www.epa.gov/ttn/ecas/ria.html>.

Summary of Reductions in Health Incidences from PM_{2.5} for the Final SSI NSPS and EG in 2015*

	Final MACT Floor
Avoided Premature Mortality	
Pope et al.	2
Laden et al.	6
Avoided Morbidity	
Chronic Bronchitis	2
Acute Myocardial Infarction	4
Hospital Admissions, Respiratory	1
Hospital Admissions, Cardiovascular	1
Emergency Room Visits, Respiratory	2
Acute Bronchitis	4
Work Loss Days	320
Asthma Exacerbation	42
MRAD	1,900
Lower Respiratory Symptoms	46
Upper Respiratory Symptoms	35

* These health incidences are 81% lower than those shown in the proposal RIA for this rule.